

REMARKS

Applicants respectfully request the Examiner's reconsideration of the present application as amended. Claims 1-10 remain in the application. Claims 1 and 5 have been amended. New claims 11-20 have been added. Therefore, claims 1-20 are presented for examination.

The Examiner rejected claim 1 under 35 USC 102(a), (e) as being anticipated by Furusawa (U.S. Patent No. 5,805,152). Furusawa discusses a video presentation system. Furusawa's system the user selects an action using a mouse. The location of the mouse is identified as coordinates, a barcode is obtained. The barcode is then sent to the data management means. This is then parsed, to obtain the numerical information. This is entirely unlike the present invention.

Claim 1 of the present invention recites:

An apparatus for processing text expressions in a computer system, the apparatus comprising:
a user input device for receiving an input text expression from a user;
a parser to identify a keyword in the input text expression, the parser to associate the input text expression to an information object associated with the keyword; and
a user output device to make the associated information object available to the user upon request.

(Claim 1, emphasis added). Furusawa does not teach or suggests processing text expressions. Rather, Furusawa specifically teaches parsing a request message, where the request message is defined as "numerical information involved in the bar code." (Furusawa, column 7, lines 13-15). Such a numerical barcode message is not equivalent in any way to an input text expression, as recited in claim 1. Therefore, claim 1 is not anticipated by Furusawa.

Claims 1 and 2 were rejected under 35 USC 102(a), (e) as being anticipated by Leong (US Patent 5,996,010). Leong discusses network management using web-capable agents. Leong specifically discusses sending and receiving messages to

“perform a network management transaction between a network device having a network management agent installed thereon and a remote device having a browser installed thereon.” (Leong, column 3, lines 35-38). The “requests” propagated by the clients of Leong are to “propagate information about a network management function.” (Leong, Abstract). However, Leong does not teach or suggest parsing an input text expression and associating the input text expression with an information object.

Furthermore, Leong is drawn to a different art, and one of skill in the art would not look to Leong to solve the problem of the present invention. The present invention addresses processing notes and action requests in a computer system. In contrast, Leong discusses network management. One of skill in the art in handling user interaction for processing action requests from a user would not look to network management protocols. Therefore, Applicant respectfully submits that Leong does not anticipate the present invention.

Additionally, claim 1 of the present invention recites:

An apparatus for processing text expressions in a computer system, the apparatus comprising:
a user input device for receiving an input text expression from a user;
a parser to identify a keyword in the input text expression, the parser to associate the input text expression to an information object associated with the keyword; and
a user output device to make the associated information object available to the user upon request.

(Claim 1). Leong does not teach or suggest a user input device to receive an input text expression from a user. Rather, Leong specifically teaches receiving a request for network function information, which is not equivalent to a text expression. Furthermore, Leong does not teach or suggest a “parser to associate the input text expression to an information object associated with the keyword.” Leong does not teach or suggest the association of information objects with keywords. Therefore, claim 1, and claim 2 which depends on it, are not anticipated by Leong.

The Examiner further rejected claim 9 under 35 USC 102(a),(e) as being anticipated by Register (U.S. Patent 5,371,807). Register discusses a method of text classification. Using input text, Register parses the input text into a list of recognized keywords. The text is then evaluated, to assign meaning to the words. The "keywords" of Register are "words in a lexicon" (Register, line 55-60). Thus, the function of Register is to interpret the meaning of a natural language text, by recognizing the words, and from them deducing context.

Claim 9, on the other hand, recites:

A method comprising:
receiving natural language input text;
parsing the input text to identify at least one keyword within the input text;
identifying an information object associated with the at least one keyword; and
associating the information object associated with the keyword with the input text.

(Claim 9). Register does not teach or suggest "identifying an information object associated with the at least one keyword, and associating the information object associated with the keyword with the input text." The Examiner simply refers to the Register's abstract. However, no such association of an information object to the input text is found in Register's abstract. Therefore, Applicants respectfully submit that claim 9 is not anticipated by Register.

The Examiner further rejected claim 3 under 35 USC 103(a) as being unpatentable over Leung in view of Gladden (U.S. Patent 5,765,028). Claim 3 depends on claim 1, and incorporates its limitations.

Gladden discusses a mail query agent using neural intelligence. Gladden does not teach or suggest the use of keywords nor the association of an information object with an input expression.

As noted above, Leong does not teach or suggest the association of an information object with an input expression. Gladden does not remedy this shortcoming of Leong. Therefore, claim 3 is not obvious over Leong in view of Gladden.

The Examiner further rejected claims 5-8 over Leong in view of alleged knowledge in the art. Claims 5-8 depend on claim 1, and incorporate its limitations. As discussed above, Leong does not teach or suggest the association of an information object with an input expression. Applicants respectfully submit that the alleged knowledge in the art also does not teach this. If the Examiner wishes to assert that such an association is known in the art, Applicants respectfully request a reference showing this.

Therefore, Applicants respectfully submit that claims 5-8 are not obvious over Leong in view of the alleged knowledge in the art.

The Examiner further rejected claim 4 as being obvious over Leong in view of Tso (US Patent 6,085,201). Claim 4 depends from claim 1, and includes its limitations.

Tso discusses a context sensitive template engine. Tso's template engine generates a context-sensitive text message corresponding to an input text. It is designed to be used to help user compose or reply to email messages. Tso does not teach or suggest the association of an information object with an input expression. Rather, Tso dynamically uses a template to format the user's input.

As noted above, with respect to claim 1, Leong does not teach or suggest the association of an information object with an input expression. Tso does not remedy this shortcoming of Leong. Therefore, claim 4 is not obvious over Leong in view of Tso.

The Examiner further rejected claim 10 as being obvious over Register in view of Tso. Claim 10 depends on claim 9, and incorporates its limitations.

As discussed above, neither Register nor Tso teach or suggest identifying an information object associated with the at least one keyword, and associating the

information object associated with the keyword with the input text. Therefore,
Applicants respectfully submit that claim 10 is not obvious over Register in view of Tso.

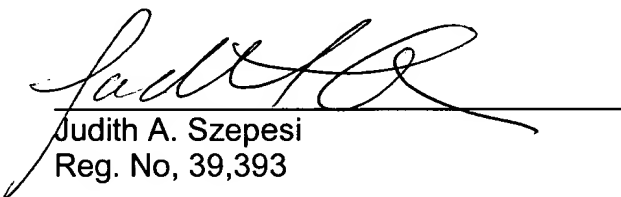
Applicants respectfully submit that in view of the amendments and discussion set forth herein, the applicable objections and rejections have been overcome. Accordingly the present and amended claims should be found to be in condition for allowance.

If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact Judith A. Szepesi at (408) 720-8300.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,
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